PBL PROJECT

On

TOURISM MANAGEMENT

Submitted to JNTU HYDERABAD

In Partial Fulfillment of the requirements for the Award of Degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

Submitted

By

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CMR ENGINEERING COLLEGE

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2022-2023

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CERTIFICATE

This is to certify that the project entitled "TOURISM MANAGEMENT" is a bonafide work carried out by

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In partial fulfillment of the requirement for the award of the degree of BACHELOR OF TECHNOLOGY in COMPUTER SCIENCE AND ENGINEERING from CMR Engineering College, affiliated to JNTU, Hyderabad, under our guidance and supervision.

The results presented in this project have been verified and are found to be satisfactory. The results embodied in this project have not been submitted to any other university for the award of any other degree or diploma.

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Assistant Professor Department of CSE, CMREC, Hyderabad	Assistant Professor Department of CSE, CMREC, Hyderabad	Professor & HOD Department of CSE, CMREC, Hyderabad

DECLARATION

This is to certify that the work reported in the present project entitle " TOURISM MANAGEMENT" is a record of bonafide work done by us in the Department of Computer Science and Engineering, CMR Engineering College, JNTU Hyderabad. The reports are based on the project work done entirely by us and not copied from any other source.We submit our project for further development by any interested students who share similar interests to improve the project in the future.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma to the best of our knowledge and belief.

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We will be failing in duty if we do not acknowledge with grateful thanks to the authors of the references and other literatures referred in this Project.

We express our thanks to all staff members and friends for all the help and co-ordination extended in bringing out this Project successfully in time.

Finally, we are very much thankful to our parents who guided us for every step.

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ABSTRACT

Most of the people in this world like to travel from one place to another no matter whether it is a small or large distance. The need for a tourism management system that can manage tourism information with ease is sought after by every tour management company. Tour Management system is a dynamic website for tourism business. This travel and tourism application is designed for travel agencies by which they can manage different tour packages based on the destinations. By using this, the tour company can tailor tour packages spanning various destinations at almost every price point. The also implemented search module allows the administrator to find and update or upgrade the tour packages with ease. This module can also even be extended to a customer application page by which customers can find the right tour package for them at every budget, depending on the tour locations. The main purpose is to help tourism companies to manage tour packages . The system can also be used for both professional and business trips. The proposed system maintains a centralized repository to make necessary travel arrangements and to retrieve information easily.

1. INTRODUCTION

1.1 Introduction

Tourism has turned out to be an economic booster contributing to the economic development of many countries over the last few decades. People see holidays as a necessity, and not as luxury in the present scenario. Tourism calls for coordination and cooperation between travel agents, tour operators, and tourists. Tourism has a few major elements − destinations, attractions, sites, accommodation, and all ancillary services. The need for a robust and dynamic tour management application has been around since the advent of the tourism concept. Thus we have developed an application to provide the best travelling services to the customers and travel agents. The Tourism Management System provides a search platform where a tourist can find their tour places according to their choices. This system also helps to promote responsible and interesting tourism so that people can enjoy their holidays at their favorable places and develop tourism with different cultures so that they enrich the tourism experience and build pride. The Tourism Management System is a web based application.The objective of this project is to develop a system that automates the processes and activities of a travel agency. It is tedious for a customer to plan a particular journey and have it executed properly. This project is developed to replace the currently existing system, which helps in keeping records of the customer details of destination as well as payment received.The proposed system is highly automated and makes the travelling activities much easier and flexible. The users can get the very right information at the very right time.This will increase the trust of the customer into the tourism company as well. This project is designed with SQL Server as back end. All the data will be stored in the server and in case of any data losing situation, a backup will be available by this server. The details related to every aspect of the tourist will be available separately. The admins just have to click once and all the details will be available to them.

1.2 Purpose of the Project

This software is highly programmed in Asp.net technology in order to provide the best services to customers and various travelling agents in the field of tourisms activities such as bookings, accommodations, food services, tourism spot details and many more. This integrated software offers one of the best way of managing all the travel related businesses.

This software is designed in Visual studio editor with SQL Server as backend. All the data will be stored in the server and in case of any data losing situation, a backup will be available by this server. The software is being designed in such a way that all the details related to every aspect of tourism will be available separately and the customers and agents will not have to go through any of the problem. They just have to click once and all the details will get available to them.

1.3 Proposed System:

The propose system is highly automated and makes the travelling activities much easier and flexible. The user can get the very right information at the very right time. Customers can get the knowledge of the hotels and vehicles they are going to use in their trip prior to their starting of trip. This will increase the trust of the customer into the travel company as well.

Once the bookings are confirmed all the travel details, customer details as well as all the relevant details related to the trip like hotel name, room number, vehicle number, vehicle owner's details, date of arriving, date of departure, food to be served and every single detail will be available to the client. They just need once to click using mouse and everything is made available to them.

2. LITERATURE SURVEY

A literature review is account of what has been published on a topic by accredited scholars and researchers. The purpose is to convey to the reader what knowledge and ideas have been established for a particular topic and what their strengths and weaknesses are.

This software is highly programmed in Asp.net technology in order to provide the best services to customers and various travelling agents in the field of tourisms activities such as bookings, accommodations, food services, tourism spot details and many more. This integrated software offers one of the best way of managing all the travel related businesses.

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Software Requirements

1. Java 1.8+

JDK is an acronym for Java Development Kit. The Java Development Kit (JDK) is a software development environment which is used to develop java applications and applets. It physically exists. It contains JRE + development tools. JDK is an implementation of any one of the below given Java Platforms released by Oracle corporation: Standard Edition Java Platform, Enterprise Edition Java Platform, Micro Edition Java Platform. The JDK contains a private Java Virtual Machine (JVM) and a few other resources such as an interpreter/loader (Java), a compiler (javac), an archiver (jar), a documentation generator (Javadoc) etc. to complete the development of a Java Application.

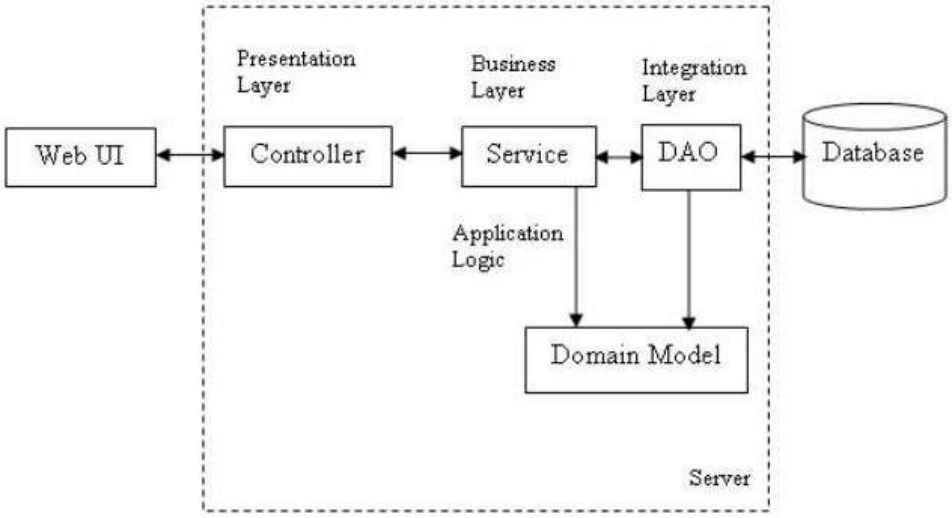
2. MySQL database 5.0 or above

MySQL is an Oracle-backed open source relational database management system (RDBMS) based on Structured Query Language (SQL). MySQL runs on virtually all platforms, including Linux, UNIX and Windows. Although it can be used in a wide range of applications, MySQL is most often associated with web applications and online publishing.

3. Eclipse IDE / STS 2018-2019

Eclipse is an integrated development environment (IDE) used in computer programming.[6] It contains a base workspace and an extensible plug-in system for customizing the environment. Eclipse is written mostly in Java and its primary use is for developing Java applications, but it may also be used to develop applications in other programming languages via plug-ins, including Ada, ABAP, C, C++, C#, Clojure, COBOL, D, Erlang, Fortran, Groovy, Haskell, JavaScript, Julia,[7] Lasso, Lua, NATURAL, Perl, PHP, Prolog, Python, R, Ruby (including Ruby on Rails framework), Rust, Scala, and Scheme. It can also be used to develop documents with LaTeX (via a TeXlipse plug-in) and packages for the software Mathematica. Development environments include the Eclipse Java development tools (JDT) for Java and Scala, Eclipse CDT for C/C++, and Eclipse PDT for PHP, among others.

Architecture Design
Outline Of The Project



The whole software design can be divided mainly into 3 parts - WebUI, a middleware layer and a persistence layer. This project is developed for a tourism manager where he is able to add new tourists, update/delete the tourist details. It also has a search module where the assistant can search the tourist names based on their from and to location.

Technology across different layers:

Technology Layer	Category
Presentation Layer / Web UI	HTML5, CSS3, Javascript, JSTL, Spring MVC UI Components etc.
Middleware Layer	Spring MVC components
Persistence provider	Hibernate with MySQL 5+ version database

Relational Database Schema

The data is stored in a database that is developed in MySQL. The database consists of two tables. Data of a tourist means details such as ID, name, from location, to location, no. of days and the price of tour package with ID as the primary key which is placed in a table tourpackage. The user table has the data like username and password for login that enables the admin to manipulate the information regarding each tourist.

3. SOFTWARE REQUIREMENT ANALYSIS

3.1 Functional Requirements

The functional requirement of the system defines a function of the software system or its components. A function is described as set of inputs, behavior of the system and output.

3.2 Non Functional Requirements

A non-functional requirement in software engineering presents systematic and pragmatic approach to 'building quality into software system'. System must exhibit software quality attributes such as accuracy, performances, security and modifiability.

Usability: It is the ease with which a user can learn to operate, prepares inputs for, and interpret outputs of a system or component.

Reliability: It is the ability of a system or component to perform its required functions understand condition for a specified period of time.

Performances: It requirements are concerned with quantifiable attributes of a system such as response time, throughput, available and accuracy.

Supportability: These requirements are concerned with the case of change to the system after deployment.

4. SOFTWARE & HARDWARE REQUIREMENTS

4.1 Software Requirements

Operating System	:	Windows 10
Software's	:	Visual Studio

4.2 Hardware Requirements

RAM Size	:	4 GB or Higher Ram
Hard Disk Space	:	500 GB
Memory	:	128 GB
Processor Speed	:	1.5 GHz
Monitor	:	15" COLOR.
Mouse	:	Optical.

5. CODING AND IMPLEMENTATION

5.1 Sample Code

```
 <!DOCTYPE  html>  <html
lang="en">
<head>
      <title>drive you dreams</title>
      <link rel="stylesheet" href="style.css">
</head>
<body>
      <div class="cont">
            <video autoplay muted loop id="myVideo">
                  <source src="vid-1.mp4" type="video/mp4"> </video>
      </div>
      <div class="main">
            <div class="navbar">
                  <div class="icon">
                        <h2 class="logo">booking.com</h2>
                        <img src="g-10" alt="">
                  </div>

            </div>
            <div class="content">
                  <h1> we give assess </h1>
                   <h1>Get Unlimited All Access<span></span><br>
                        <div class="form">
                              <h2>Login Here</h2>
                              <input type="email" name="email" placeholder="Enter Email Here">
                              <input type="password" name="" placeholder="Enter Password Here">
                              <button class="btnn"><a href="C:\Users\Venkateswara
Rao\OneDrive\Desktop\v.s (2)\v.s\v.n/index.html">login</a></button>
                              <button class="btnn"</button>
                              <p class="link">Don't have an account<br>
                              <a href="#">Sign up </a> here</a></p>
                              <p class="liw">Log in with</p>

                              <div class="icons">
                                    <a href="#"><ion-icon name="logo-facebook"></ion-icon></a>
                                    <a href="#"><ion-icon name="logo-instagram"></ion-icon></a>
                                    <a href="#"><ion-icon name="logo-twitter"></ion-icon></a>
                                    <a href="#"><ion-icon name="logo-google"></ion-icon></a>
                                    <a href="#"><ion-icon name="logo-skype"></ion-icon></a>
                              </div>

                        </div>
                              </div>
```

```
                    </div>
                </div>
            </div>
            <script src="https://unpkg.com/ionicons@5.4.0/dist/ionicons.js"></script>
</body>
</html>
```

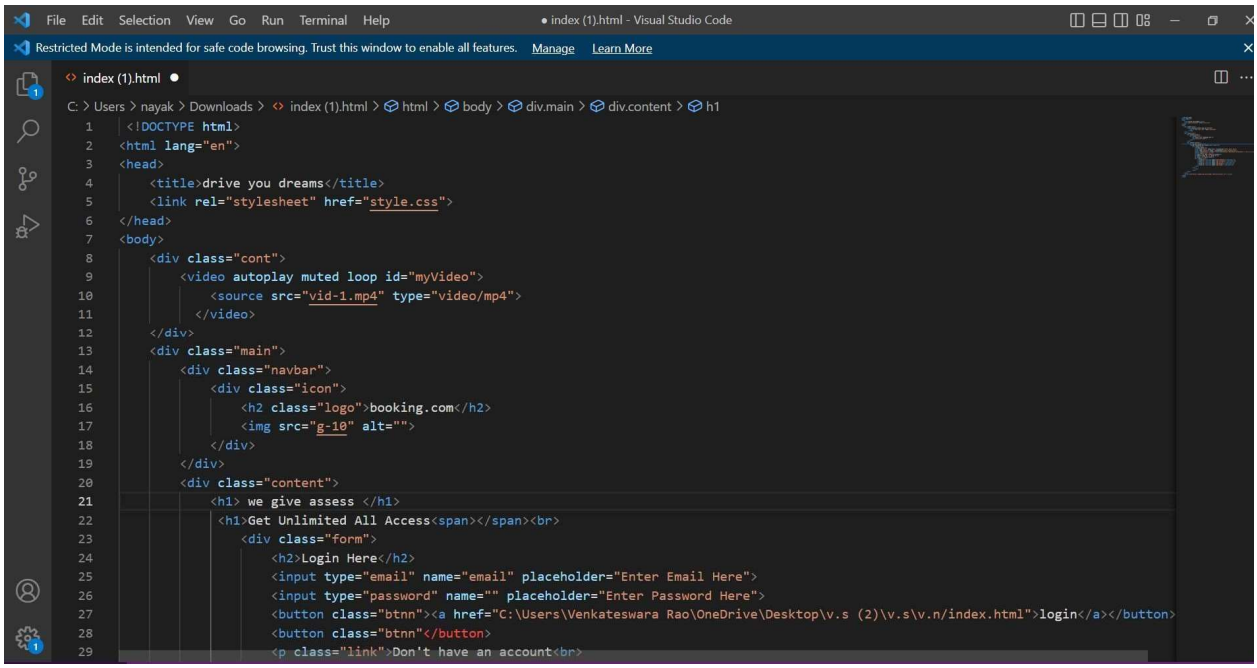
6. PROJECT SCREENSHOTS

6.1 How to write a program Step1:

Open VSCODE

Step2: click on new file

Step3: Write Program

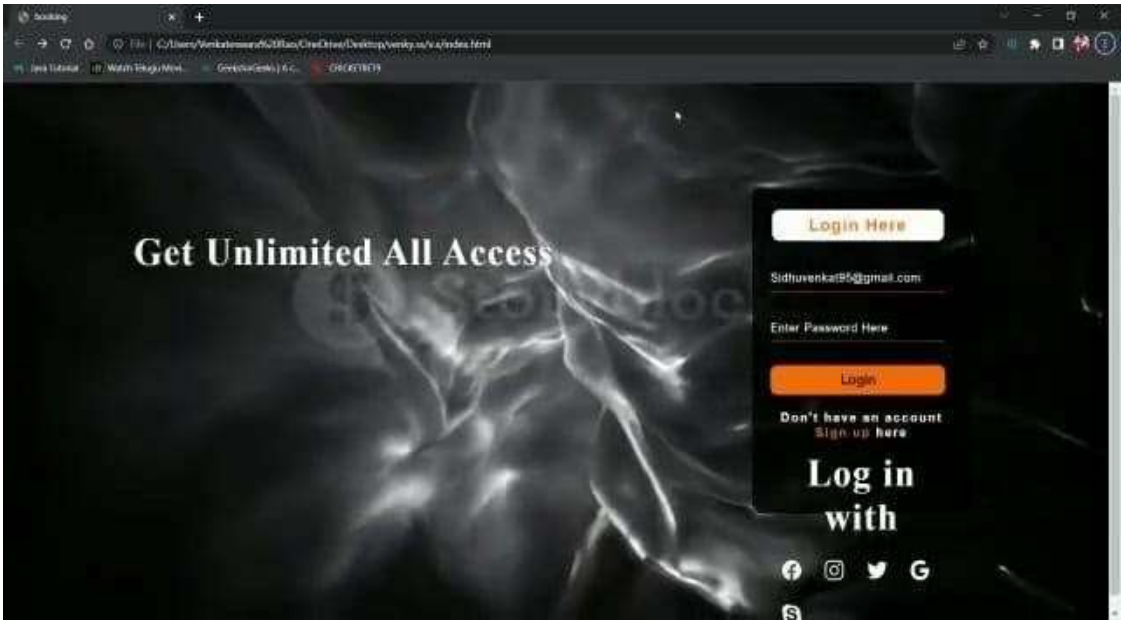


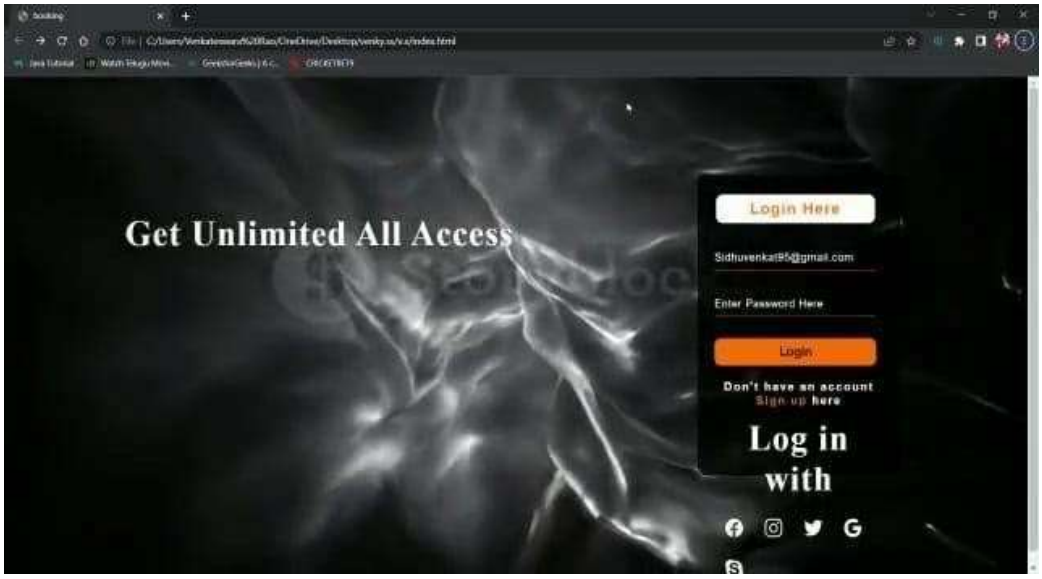
```
<h1>Get Unlimited All Access<span></span><br>
    <div class="form">
        <h2>Login Here</h2>
        <input type="email" name="email" placeholder="Enter Email Here">
        <input type="password" name="" placeholder="Enter Password Here">
        <button class="btnn"><a href="C:\Users\Venkateswara Rao\OneDrive\Desktop\v.s (2)\v.s\v.n/index.html">login</a></button>
        <button class="btnn"</button>
        <p class="link">Don't have an account<br>
        <a href="#">Sign up </a> here</a></p>
        <p class="liw">Log in with</p>
        <div class="icons">
            <a href="#"><ion-icon name="logo-facebook"></ion-icon></a>
            <a href="#"><ion-icon name="logo-instagram"></ion-icon></a>
            <a href="#"><ion-icon name="logo-twitter"></ion-icon></a>
            <a href="#"><ion-icon name="logo-google"></ion-icon></a>
            <a href="#"><ion-icon name="logo-skype"></ion-icon></a>
        </div>
    </div>
        </div>
    </div>
</div>
    <script src="https://unpkg.com/ionicons@5.4.0/dist/ionicons.js"></script>
</body>
</html>
```

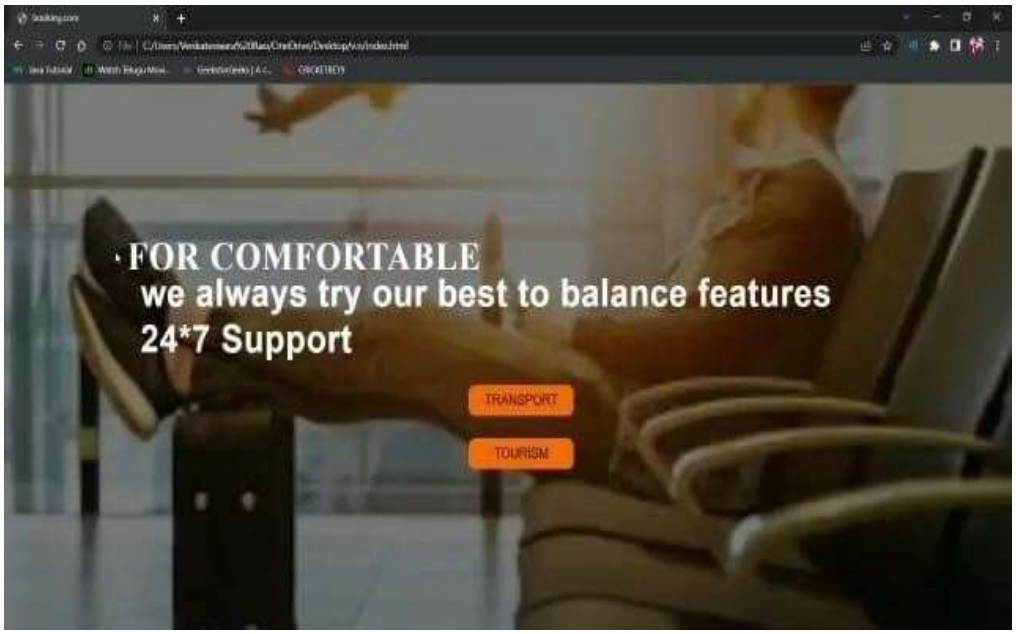
Step 4: Save your program by Ctrl+S

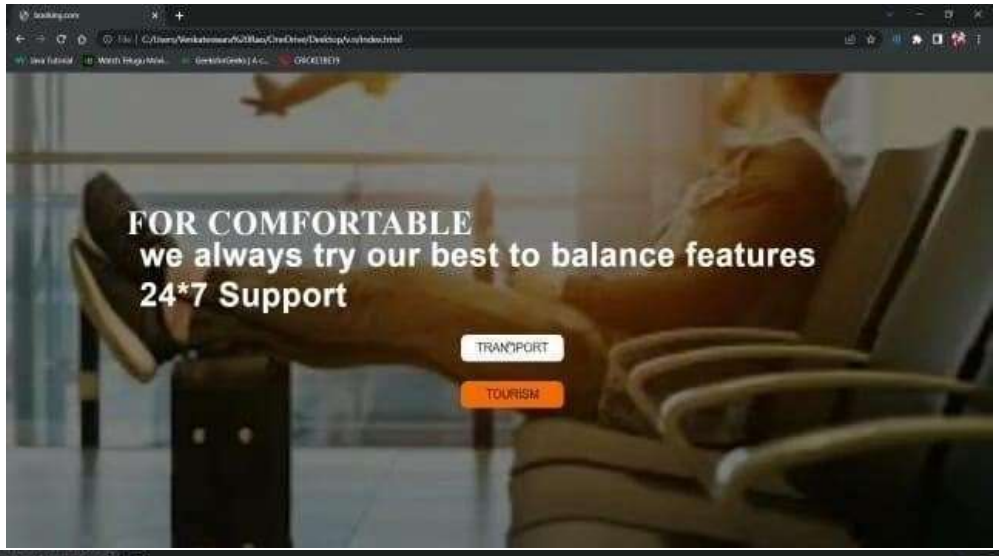
Step 5: Run your program by Run Button

6.2 Output:

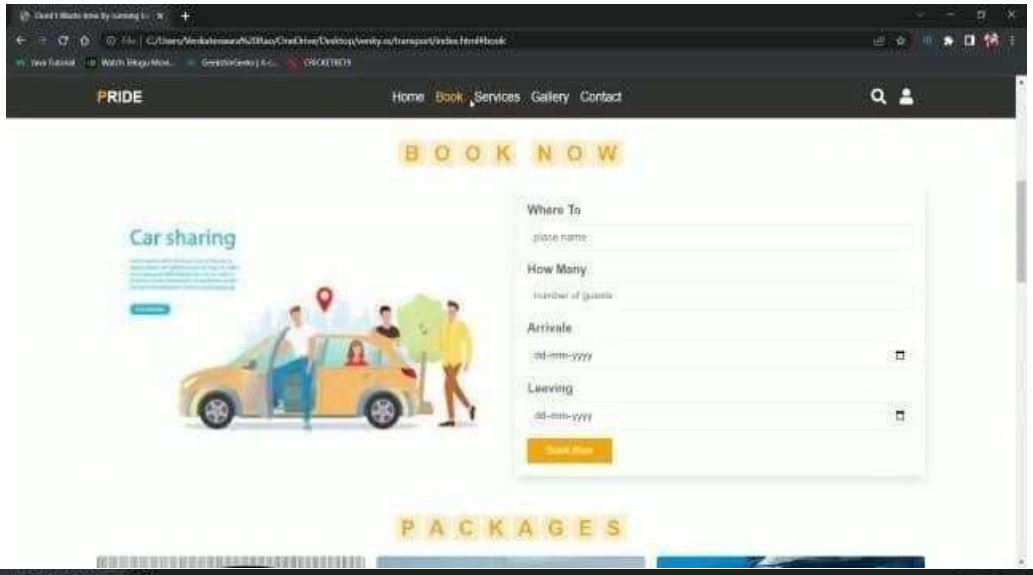


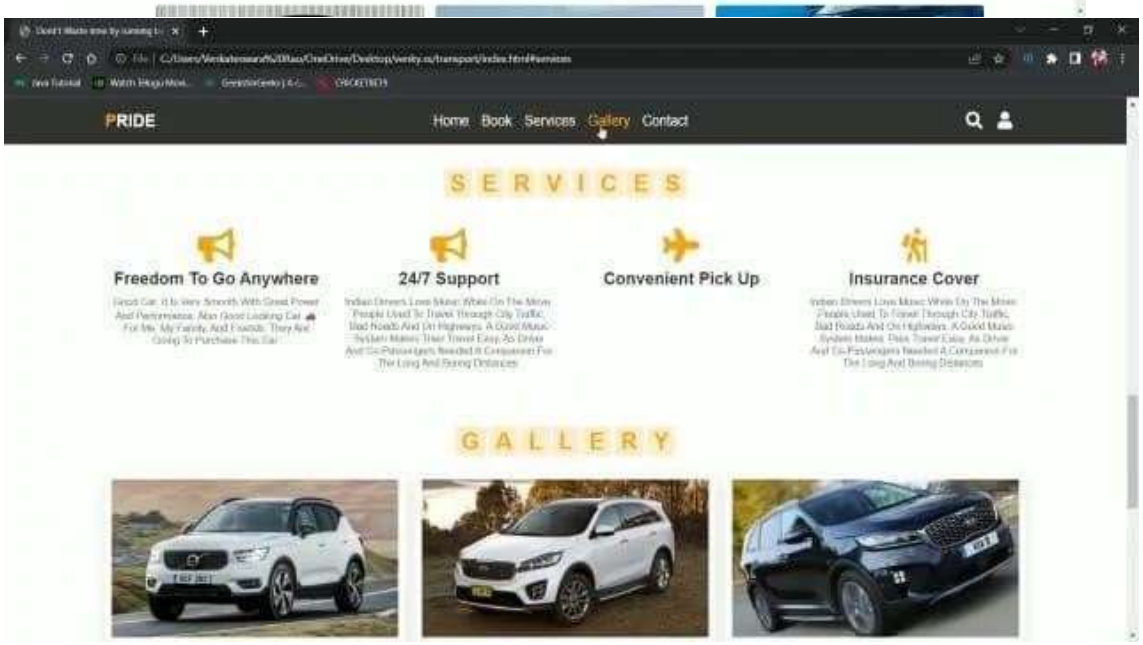

Get Unlimited All Access
Login Here
Sidhuvenkat95@gmail.com
Enter Password Here
Login
Don't have an account
Sign up here
Log in with

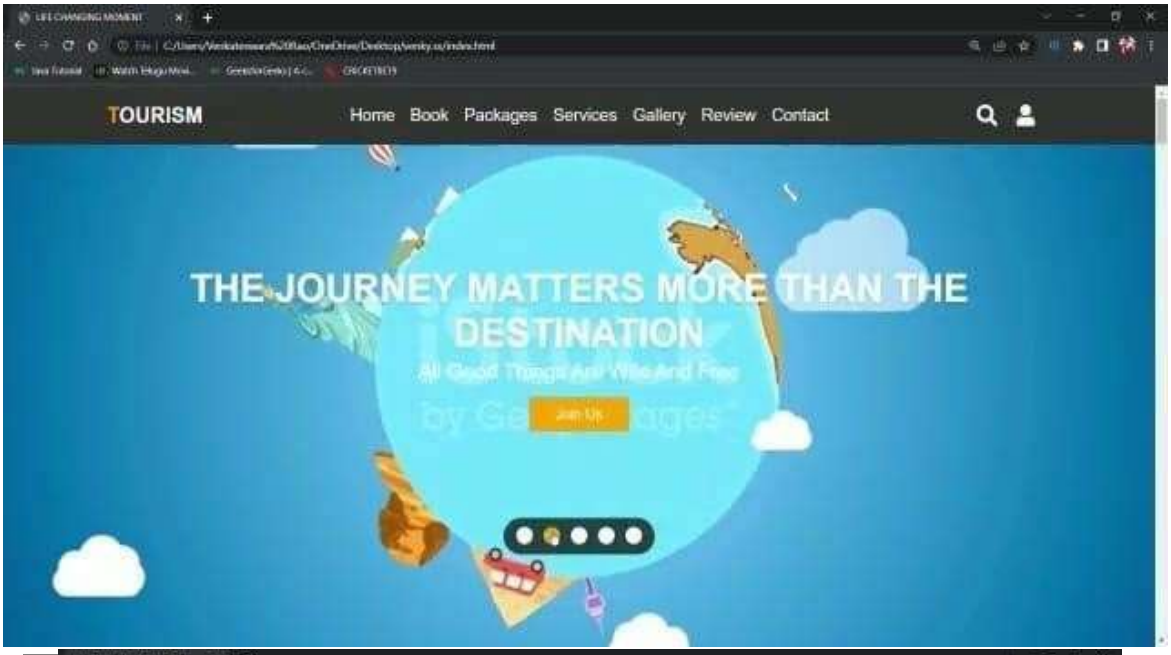

FOR COMFORTABLE
we always try our best to balance features
24*7 Support
TRANSPORT
TOURISM

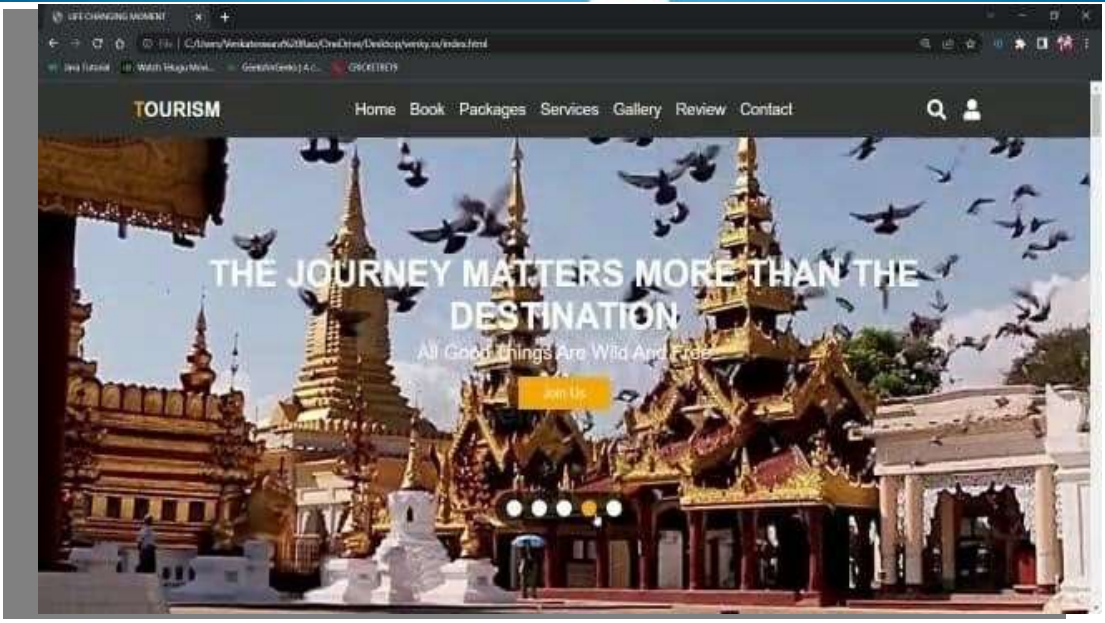

FOR COMFORTABLE
we always try our best to balance features
24*7 Support
TRANSPORT
TOURISM

PRIDE
Home Book Services Gallery Contact
CAR SHARING
Discover New Places With Us, Adventure Awaits


PRIDE
Home Book Services Gallery Contact
BOOK NOW
Car sharing
Where To
How Many
Arrivale
Leeving
PACKAGES


PRIDE
Home Book Services Gallery Contact
SERVICES
Freedom To Go Anywhere
24/7 Support
Convenient Pick Up
Insurance Cover
GALLERY


TOURISM
Home Book Packages Services Gallery Review Contact
THE JOURNEY MATTERS MORE THAN THE DESTINATION
Join Us


TOURISM
Home Book Packages Services Gallery Review Contact
THE JOURNEY MATTERS MORE THAN THE DESTINATION
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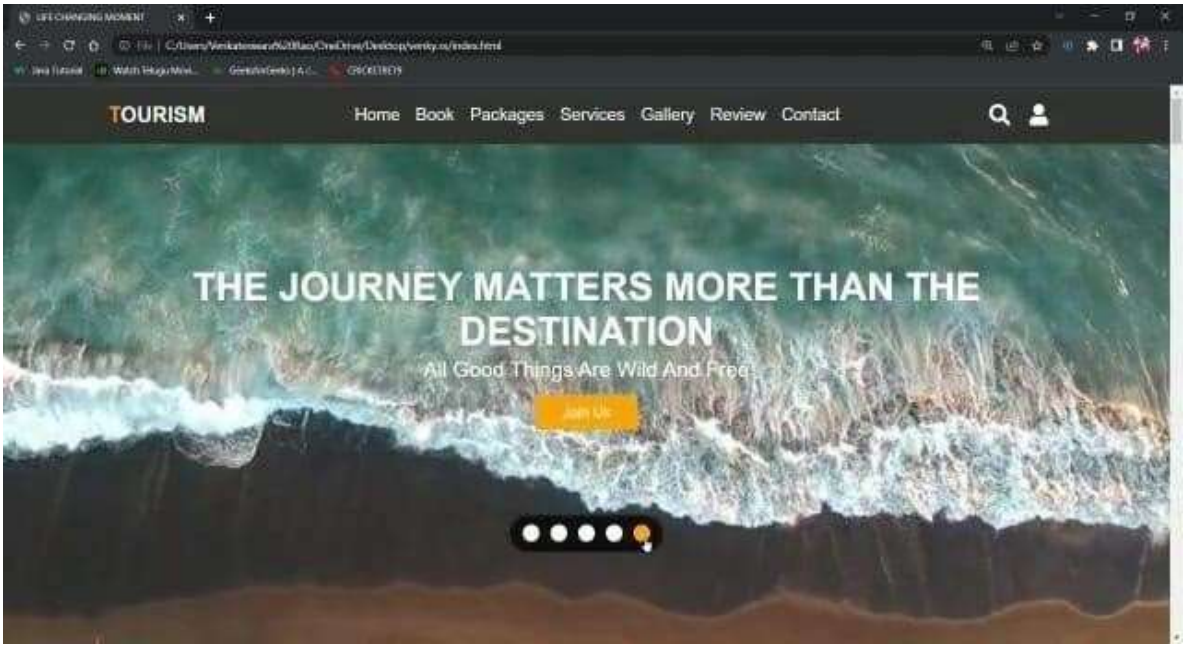
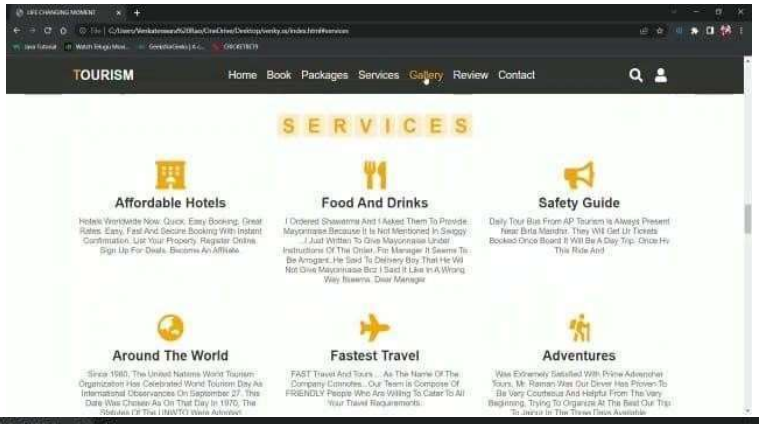

TOURISM
Home Book Packages Services Gallery Review Contact
THE JOURNEY MATTERS MORE THAN THE DESTINATION
All Good Things Are Wild And Free!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SERVICES
Affordable Hotels
Food And Drinks
Safety Guide
Around The World
Fastest Travel
Adventures

TOURISM
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PACKAGES
Charminar- Heart Of Hyderabad
Tank Bund - Telangana Tourism
RK Beach

7 . CONCLUSION AND FUTURE SCOPE

Tourism is currently recognized as a global industry which is growing at a high rate like any other industry. Access to relevant and accurate information is at the heart of tourism. Here, the proposed project on Tourism Management System tries to bridge the gap by noting what a tourist perceives as relevant. Hence, the aim of this project entails the design and implementation of a platform that will assist tourists in gaining access to travel to various tourist locations. The project also helped to provide knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future.

It is worth mentioning that this project work is open for further enhancement, with the expectation that it becomes more robust and better enhanced; covering every single tourist sites. For a modified system, the user need to just login into the application and can find the routes,costs,hotels,adventure sports,transportations and book immediately and complete the booking process for a successful transaction.

In the aspect of tourism, Internet and web technologies have made more readily available information on tourist locations, accommodations, transportation, shopping, food, festivals, and other attractions, thus improving the whole tourism experience

9. BIBLIOGRAPHY AND REFERENCES

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4.https://hibernate.org/orm/documentation/5.0/
5.https://maven.apache.org/guides/getting-started/index.html